

Product datasheet for **RC220376A1V**

Human PKA R2 (PRKAR2A) (NM_004157) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PKA R2 (PRKAR2A) (NM_004157) AAV Particle
Tag:	Myc-DDK
Symbol:	PKA R2
Synonyms:	PKR2; PRKAR2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220376 representing NM_004157 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAGCCACATCCAGATCCCGCCGGGGCTCACGGAGCTGCTGCAGGGCTACACGGTGGAGGTGCTGCGAC
AGCAGCCGCCTGACCTCGTCGAATTCGAGTGGAGTACTTCACCCGCCTGCGCGAGGCCCGCGCCCCAGC
CTCAGTCTGCCCCGCCACCCACGCCAGAGCCTGGGCCACCCCGCCAGAACCCGGCCCGGACCGT
GTGCGCCGACGCCAAAGGGGACAGCGAGTCGGAGGAGGACGAGGACTTGGAAGTTCAGTTCCTAGCAGAT
TTAATAGACGAGTATCAGTCTGTGCTGAGACCTATAACCCTGATGAGGAAGAGGATACAGATCCAAG
GGTGATTCATCCTAAACTGATGAACAGAGATGCAGACTTCAGGAAGCTTGCAAAGATATTCTCCTTTTC
AAAAATCTTGATCAGGAACAGCTTTCTCAAGTTCTCGATGCCATGTTTGAAGGATAGTCAAAGCTGATG
AGCATGTCAATGACCAAGGAGATGATGGAGACAACCTTTATGTCATAGAACGGGGAACCTTATGACATTTT
AGTAACAAAAGATAATCAAACCCGCTCTGTTGGTCAATATGACAACCGTGGCAGTTTTGGAGAAGTAGCT
CTGATGTACAACACCCCGAGAGCTGCTACCATTGTTGCTACCTCAGAAGGCTCCCTTTGGGGACTGGACC
GGGTGACTTTTAGAAGAATCATAGTGAAAAATAATGCAAAGAAGAGGAAGATGTTTGAATCATTTATTGA
GTCTGTGCCCTCCTTAAATCACTAGAGGTGTCAGAACGAATGAAGATTGTGGATGTAATAGGAGAGAAG
ATCTATAAGGATGGAGAACGCATAATCACTCAGGGTGAAAAGGCTGATAGCTTTTACATCATAGAGTCTG
GCGAAGTGAGCATCTTGATTAGAAGCAGGACTAAATCAAACAAGGATGGTGGGAACAGGAGGTGAGAT
TGCCCGCTGCCATAAGGGGCGAGTACTTTGGAGAGCTTGCCCTGGTCACCAACAAACCCAGAGCTGCCTCA
GCTTATGCAGTTGGAGATGTCAAATGCTTAGTTATGGATGTACAAGCATTGAGAGGCTTCTGGGGCCCT
GCATGGACATCATGAAGAGGAACATCTCACACTATGAGGAACAGCTGGTGAAGATGTTTGGCTCCAGCGT
GGATCTGGGCAACCTCGGGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC220376 representing NM_004157 Red=Cloning site Green=Tags(s) MSHIQIPPGLTELLQGYTVEVLRQQPPDLVEFAVEYFTRLREARAPASVLPAAATPRQSLGHPPPEPGPDR VADAKGDSESEDEDLEVPVPSRFNRRVSVCAETYNPDEEEEDTDPRIHPKTDEQRCRLQEACKDILLF KNLDQEQLSQVLDAMFERIVKADEHVIDQGDDGDNFYVIERGTYDILVTKDNQTRSVGQYDNRGSFGELA LMYNTTPRAATIVATSEGLWGLDRVTFRRRIIVKNNAKKRKMFESFIESVPLLSLEVSERMKIVDVIGEK IYKDGRIITQGEKADSFYIIESGEVSILIRSRTKSNKDGGNQVEIARCHKGQYFGELALVTNKPRAAS AYAVGDVKCLVMDVQAFERLLGPCMDIMKRNISHYEEQLVKMFGSSVDLGNLGQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004157
ORF Size:	1212 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	NM_004157.2
RefSeq Size:	2381 bp
RefSeq ORF:	1215 bp
Locus ID:	5576
UniProt ID:	P13861
Cytogenetics:	3p21.31
MW:	45.3 kDa